

IN THE CLAIMS:

Please amend claims 3, 4, 7 and 8.

Please add the following new claims 35-42.

1. (Withdrawn) A liquid crystal display device comprising pixel electrodes, a dielectric overlapped on the ends of the pixel electrodes, an oriented film covering the pixel electrodes and the dielectric, and liquid crystals on the oriented film, the liquid crystals having a positive dielectric anisotropy, and the dielectric having a relative dielectric constant larger than a relative dielectric constant of the liquid crystals in the direction of long axis.

2. (Withdrawn) A liquid crystal display device comprising pixel electrodes, a dielectric overlapped on the ends of the pixel electrodes, an oriented film covering the dielectric and the pixel electrodes, and liquid crystals on the oriented film, the liquid crystals having a negative dielectric anisotropy, and the dielectric having a relative dielectric constant larger than a relative dielectric constant of the liquid crystals in the direction of short axis.

3. (Currently amended) A liquid crystal display device comprising pixel electrodes on an insulating film, a dielectric provided in

contact with the insulating film and overlapped on the ends of the pixel electrodes, an oriented film covering the dielectric and the pixel electrodes, and liquid crystals on the oriented film, the dielectric having a relative dielectric constant of not smaller than 20.

4. (Currently amended) A liquid crystal display device comprising pixel electrodes on an insulating film, a dielectric provided in contact with the insulating film and overlapped on the ends of the pixel electrodes, an oriented film covering the dielectric and the pixel electrodes, and liquid crystals on the oriented film, the dielectric having a relative dielectric constant of not smaller than 30.

5. (Withdrawn) A liquid crystal display device comprising pixel electrodes, an oriented film on the pixel electrodes, a dielectric provided on the ends of the pixel electrodes, and liquid crystals on the oriented film and on the dielectric, the liquid crystals having a positive dielectric anisotropy, and the dielectric having a relative dielectric constant larger than a relative dielectric constant of the liquid crystals in the direction of long axis.

6. (Withdrawn) A liquid crystal display device comprising pixel electrodes, an oriented film on the pixel electrodes, a dielectric provided on the ends of the pixel electrodes, and liquid crystals on the oriented film and on the dielectric, the liquid crystals having a negative dielectric anisotropy, and the dielectric having a relative dielectric constant larger than a relative dielectric constant of the liquid crystals in the direction of short axis.

7. (Currently amended) A liquid crystal display device comprising thin film transistors over a substrate, an insulating film over the thin film transistors, pixel electrodes on the insulating film, an oriented film on the pixel electrodes, a dielectric provided in contact with the insulating film and on the ends of the pixel electrodes, and liquid crystals on the oriented film and on the dielectric, the dielectric having a relative dielectric constant of not smaller than 20.

8. (Currently amended) A liquid crystal display device comprising thin film transistors over a substrate, an insulating film over the thin film transistors, pixel electrodes on the insulating film, an oriented film on the pixel electrodes, a dielectric provided in contact with the insulating film and on the ends of the pixel electrodes, and liquid crystals on the

oriented film and on the dielectric, the dielectric having a relative dielectric constant of not smaller than 30.

9. (Withdrawn) A liquid crystal display device according to claim 4, wherein the cell gap is not larger than  $4.5\text{ }\mu\text{m}$ , and the height of the dielectric is not larger than 25% of the cell gap.

10. (Withdrawn) A liquid crystal display device according to claim 8, wherein the cell gap is not larger than  $4.5\text{ }\mu\text{m}$ , and the height of the dielectric is not larger than 25% of the cell gap.

11. (Withdrawn) A liquid crystal display device according to claim 1, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on the opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

12. (Withdrawn) A liquid crystal display device according to claim 1, wherein the dielectric is an oxide containing titanium or tantalum.

13. (Withdrawn) A liquid crystal display device according to claim 1, wherein said liquid crystal display device is

incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

14. (Withdrawn) A liquid crystal display device according to claim 2, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on the opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

15. (Previously presented) A liquid crystal display device according to claim 3, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on the opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

16. (Previously presented) A liquid crystal display device according to claim 4, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on the opposing electrode, wherein a gap is maintained

between the dielectric and the oriented film formed on the opposing electrode.

17. (Withdrawn) A liquid crystal display device according to claim 5, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on the opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

18. (Withdrawn) A liquid crystal display device according to claim 6, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on the opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

19. (Previously presented) A liquid crystal display device according to claim 7, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on the opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

20. (Previously presented) A liquid crystal display device according to claim 8, further comprising an opposing electrode provided facing the pixel electrodes, and an oriented film formed on the opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

21. (Withdrawn) A liquid crystal display device according to claim 2, wherein the dielectric is an oxide containing titanium or tantalum.

22. (Previously presented) A liquid crystal display device according to claim 3, wherein the dielectric is an oxide containing titanium or tantalum.

23. (Previously presented) A liquid crystal display device according to claim 4, wherein the dielectric is an oxide containing titanium or tantalum.

24. (Withdrawn) A liquid crystal display device according to claim 5, wherein the dielectric is an oxide containing titanium or tantalum.

25. (Withdrawn) A liquid crystal display device according to claim 6, wherein the dielectric is an oxide containing titanium or tantalum.

26. (Previously presented) A liquid crystal display device according to claim 7, wherein the dielectric is an oxide containing titanium or tantalum.

27. (Previously presented) A liquid crystal display device according to claim 8, wherein the dielectric is an oxide containing titanium or tantalum.

28. (Withdrawn) A liquid crystal display device according to claim 2, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

29. (Previously presented) A liquid crystal display device according to claim 3, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a



projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

30. (Previously presented) A liquid crystal display device according to claim 4, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

31. (Withdrawn) A liquid crystal display device according to claim 5, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

32. (Withdrawn) A liquid crystal display device according to claim 6, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a

projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

33. (Previously presented) A liquid crystal display device according to claim 7, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

34. (Previously presented) A liquid crystal display device according to claim 8, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

35. (New) A liquid crystal display device comprising:

at least a first pixel and a second pixel formed over a substrate;

the first pixel comprising:

a first thin film transistor;  
an insulating film formed over the first thin film transistor; and  
a first pixel electrode formed over the insulating film,  
the second pixel comprising:  
a second thin film transistor;  
the insulating film formed over the second thin film transistor;  
and  
a second pixel electrode formed over the insulating film,  
a dielectric formed in contact with the insulating film and  
on the edges of the first and second pixel electrodes.

36. (New) A liquid crystal display device according to claim 35,  
further comprising an opposing electrode provided facing the  
first and second pixel electrodes, and an oriented film formed  
on the opposing electrode, wherein a gap is maintained between  
the dielectric and the oriented film formed on the opposing  
electrode.

37. (New) A liquid crystal display device according to claim 35,  
wherein the dielectric is an oxide containing titanium or  
tantalum.

38. (New) A liquid crystal display device according to claim 35, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.

39. (New) A liquid crystal display device comprising:

at least a first pixel and a second pixel formed over a substrate;

the first pixel comprising:

a first thin film transistor;

an insulating film formed over the first thin film

transistor; and

a first pixel electrode formed over the insulating film,

the second pixel comprising:

a second thin film transistor;

the insulating film formed over the second thin film

transistor; and

a second pixel electrode formed over the insulating film,

a dielectric formed in contact with the insulating film

and on the edges of the first and second pixel electrodes; and

an orientated film formed over the dielectric and the

first and second pixel electrodes.

40. (New) A liquid crystal display device according to claim 39, further comprising an opposing electrode provided facing the first and second pixel electrodes, and an oriented film formed on the opposing electrode, wherein a gap is maintained between the dielectric and the oriented film formed on the opposing electrode.

41. (New) A liquid crystal display device according to claim 39, wherein the dielectric is an oxide containing titanium or tantalum.

42. (New) A liquid crystal display device according to claim 39, wherein said liquid crystal display device is incorporated into an electronic equipment selected from the group consisting of a video camera, a digital camera, a projector, a head mounted display, a car navigation system, a car stereo, a personal computer, and a portable information terminal.